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Virginia Trends

CENTER FOR PUBLIC SERVICE UNIVERSITY OF VIRGINIA
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Virginia Annual Gross State Product, 1958–1987

An Analysis of Current and Past Estimates

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About This Report

The Center for Public Service annually publishes data on Virginia gross state product (GSP). This report contains new data for 1987 and revisions for previous years.

A major revision of our methodology and the availability of federal data have changed the release date of this report.

For More Information

A detailed statement of the methodology used for all industrial sectors is available upon request. Readers who are interested in obtaining gross state product estimates on a two-digit Standard Industrial Classification (SIC) code level can contact the Center's Business and Economics Section , 2015 Ivy Road, Charlottesville, VA 22903; telephone 804/924-4330.

Gross state product (GSP) is the value of all final goods and services produced in a state in a given year.[1] For purposes of comparison, one can assume GSP to be the state's equivalent of gross national product (GNP). However, since data are lacking for all income earned by Virginia residents outside the state, as well as for all income earned within Virginia by nonresidents, GSP more closely resembles the gross domestic product (GDP), a measure of output produced within the boundaries of the nation. Since GNP and GDP are nearly identical in the United States, gross state product is usually compared to GNP.[2]

Virginia's gross state product in current dollars (unadjusted for inflation) rose to over $119 billion in 1987, which showed a rise of $10.5 billion over 1986 (see **Table 1**). From 1958

[1] In this report, "final goods and services" are all products that are not used as inputs for other products and all products exported outside the state.

[2] In 1987, gross domestic product was 99.3 percent of gross national product. Source: U.S. Department of Commerce, Bureau of Economic Analysis, *Survey of Current Business*, (July 1988) vol. 68, no. 7, Tables 1.11, 1.13, pp. 43–44. See John W. Kendrick and C. Milton Jaycox, "The Concept and Estimation of Gross State Product," *The Southern Economic Journal* 32 (October 1965), pp. 154–55.

to 1987, GSP grew at an annual rate of 9.6 percent.[3] During this same period, GNP increased by an annual average of 8.4 percent. From 1986 to 1987, GSP grew 9.6 percent, a figure also greater than the 6.8 percent rise in GNP.

Virginia GSP is also measured in constant dollars—the gross state product converted to a constant purchasing power based on 1982 dollars. That figure increased from $28.7 billion in 1958 to $97.7 billion in 1987 (see **Table 2**). This represented an average annual growth rate of 4.0 percent over the period (see **Figure 1**).

From 1958 to 1987, real GNP rose an average of 3.0 percent. Except for the recessions of 1969–70 and 1974–75, Virginia experienced no declines in real growth. During the two recessions in 1980 and 1981–82, Virginia's real GSP continued to grow, but at a slower rate. From 1986 to 1987, real GSP grew 6.3 percent, almost double the 3.6 percent rise in real GNP.

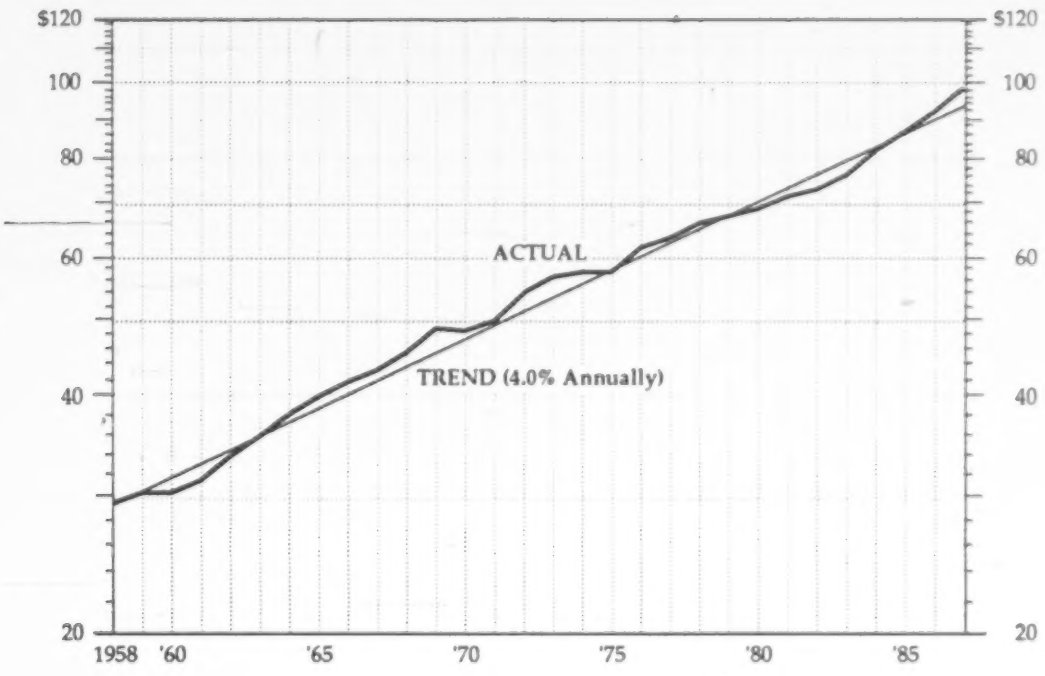
Virginia's current dollar GSP as a percent of GNP is shown in **Figure 2**. When the growth in Virginia's GSP is faster than GNP, Virginia's share of GNP increases. That percentage has grown from 1.8 percent in 1958 to over 2.6 percent in 1987. The figure has increased rapidly in the last ten years.

Changes in industrial shares of GSP based on constant 1982 dollars give a good picture of how Virginia's economy has changed over the 1958-87 time period (see **Figure 3**). Finance, insurance, and real estate (FIRE) has increased its share of GSP in the 1980s and is now the largest sector in Virginia's economy.

The appearance of finance, insurance, and real estate as the largest industrial sector may seem surprising; therefore, it is useful to explain briefly what this means. A significant portion of

[3] All growth rates were computed using the least squares method.

FIGURE 1
Virginia Gross State Product, 1958–1987 (billions of 1982 dollars)



SOURCE: Table 2.

FIRE's contribution to GSP comes from the real estate industry's net interest account. That account is made up of the interest paid to businesses minus the interest paid by businesses. Interest payments on home mortgages are counted as interest paid by businesses, because homeowners are treated as businesses.

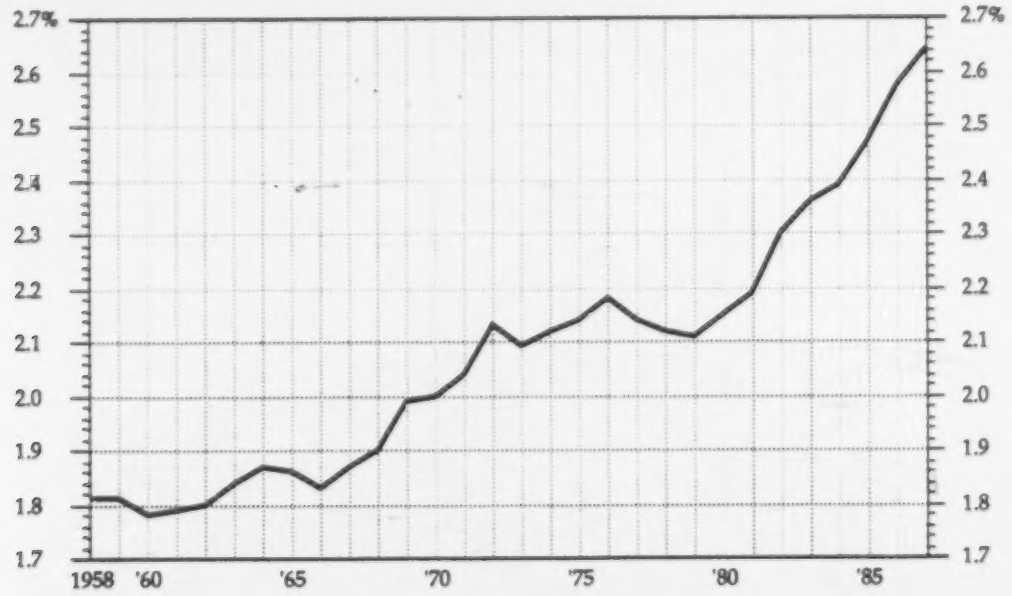
Net interest also includes imputed interest. For real estate, imputed interest is calculated as the difference between the appreciation in property values and the interest paid on mortgages on owner-occupied housing. In regions where real estate values are rapidly appreciating, the imputed interest component can become quite large. We can only speculate that in the case of Virginia, rapidly rising property values in the major metropolitan areas (such as Northern Virginia) have caused this component also to rise rapidly in recent times.

Other sectors that have grown include services, wholesale and retail trade, and transportation and public utilities. Manufacturing, mining, and state and local government have all maintained relatively constant shares. Construction, farming, and the federal government have not grown so fast as the overall state economy and have claimed smaller shares. For example, the relative share of the federal government has shrunk by more than half, from 24.2 percent in 1958 to 11.5 percent in 1987.

The changes in Virginia's economy in most instances mirror the long-term changes in the U.S. economy. For mining, a sector that includes oil and gas extraction, the concentration of coal mining in the Virginia figure has kept that share from falling as far as it has nationally due to the declining production of oil and gas.

Like the national economy, the Virginia economy is becoming based increasingly on the service-producing sectors, rather than the goods-producing sectors. In 1958, the goods-producing sectors (farming, construction,

FIGURE 2
Virginia GSP as a Percent of GNP, 1958–1987 (current dollars)

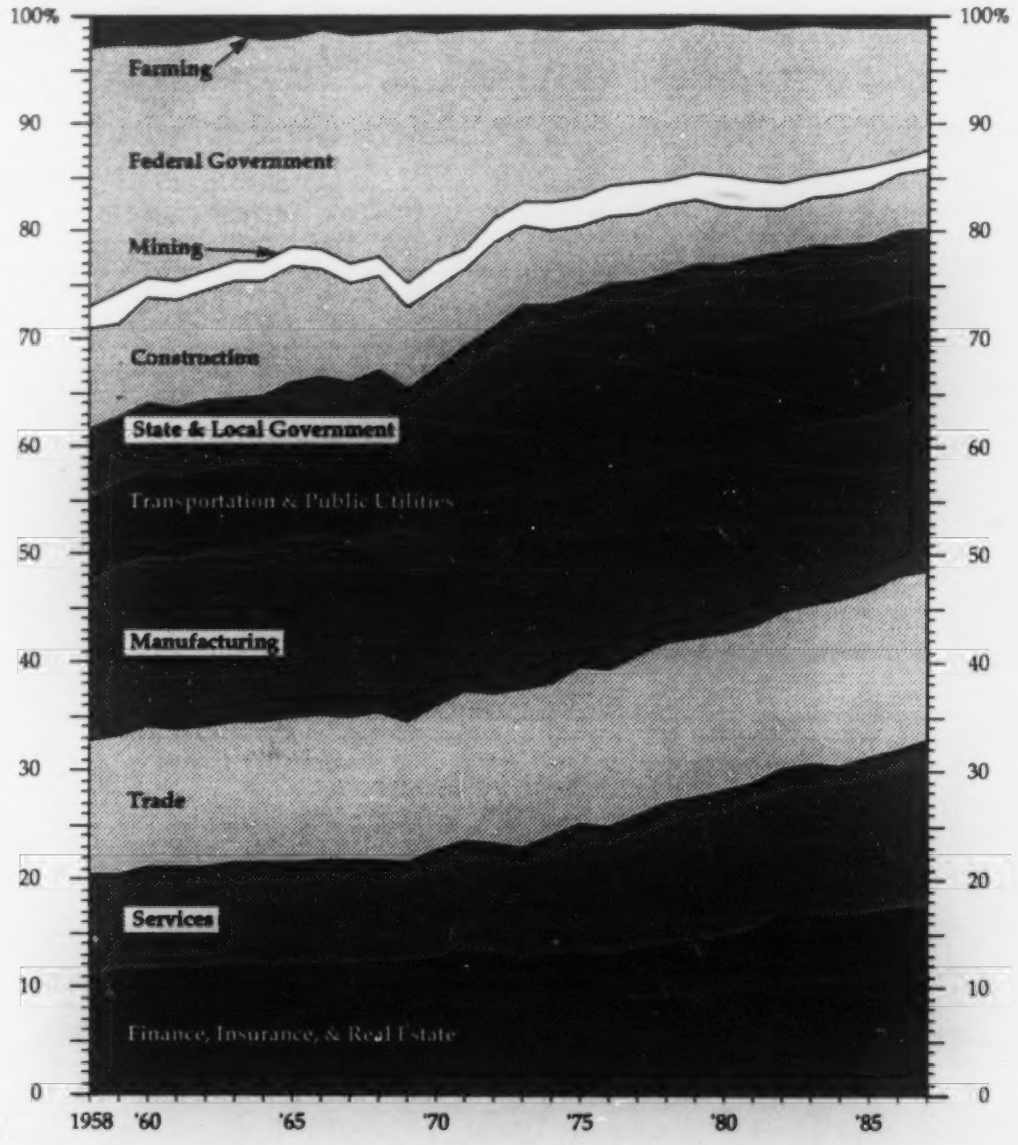


SOURCE: Table 3.

manufacturing, and mining) accounted for 29.3 percent of GSP. By 1987, however, their share had fallen to 24.5 percent. Most of this change has been very gradual, and the trend began decades ago. Much of the growth of service industries has been masked by the shrinking share received by one service-producing sector—the federal government.

This long-term shift toward the service-producing sectors has continued during this decade. In 1980 the services and FIRE sectors

FIGURE 3
Industrial Shares of Virginia GSP, 1958–1987 (constant 1982 dollars)



SOURCE: Table 2.

accounted for 13.6 and 14.6 percent of the Virginia economy, respectively. By 1987, those shares had increased to 15.2 and 17.7 percent, respectively. The growth in these sectors is contrasted with the decrease in manufacturing. Its share of the Virginia economy dropped from 18.0 percent in 1980 to 16.3 percent in 1987, while the federal government's share decreased from 14.2 to 11.5 percent. Although the manufacturing sector has experienced significant growth in the past few years, it has not kept pace with the growth of the service sectors. The federal government likewise has experienced slow growth, and it even had a small decrease in real GSP in 1987.

When 1987 industrial shares of GSP are viewed in terms of current dollars, the positions remain basically unchanged. FIRE, services, manufacturing, wholesale and retail trade, and the federal government have the largest shares. Construction, farming, state and local government, mining, and transportation and public utilities each account for less than 10 percent of GSP. The difference in the ranking of sectors between current and constant dollars is due to the different deflators that are used to calculate constant dollar figures for each respective sector.

Per capita gross state product in current dollars stood at $20,249 in 1987, 108.9 percent of per capita GNP (see **Table 4**). Virginia per capita GSP as a percent of the United States GNP per capita figure has been rising at an accelerated rate since 1981; since 1958, it is up from 80.7 percent. Measured in 1982 dollars, Virginia per capita GSP for 1987 is 104.7 percent of the U.S. figure, up from 83.1 percent in 1958.

Gross farm product, a component of Virginia GSP, is derived from the U.S. Department of Agriculture's state farm income statistics for Virginia. This figure is computed by subtracting intermediate production expenses from the value of total farm product. Government payments are omitted from the value of farm product. In addition, farm wages are not included as production expenses and therefore are considered part of GSP. The table below illustrates Virginia's gross farm product for 1987 (in current dollars).

Gross Farm Product Calculation for 1987 (current dollars)

Value from total output (millions of dollars)		
Cash receipts from marketing	$1,626.0	
Nonmonetary income	293.2	
Other farm income	95.5	
Net changes in inventories	-28.9	
Subtotal		2,045.8
Less intermediate production expenses		
Feed	285.3	
Livestock purchased	63.9	
Seeds, plants, and bulbs	30.8	
Fertilizer and lime	74.5	
Repairs/operation of capital items	187.4	
Miscellaneous operating expenses	333.1	
Rent to non-operator landlords	44.3	
Subtotal		1,019.3
Gross farm product		1,026.5

SOURCE: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector, State Income, and Balance Sheet Statistics, 1987* (Washington, D.C.: GPO, 1988); unpublished revisions and historical cost figures from the U.S. Dept. of Agriculture, Economic Research Service.

TABLE 1.
Virginia Gross State Product in Current Dollars, 1958–1987 (millions of dollars)

Year	Total	Construction	Farming	Finance, Insurance and Real Estate	Federal Government	State and Local Government	Manufacturing	Mining	Services	Trade	Transportation and Public Utilities
1958	$ 8,283.9	$ 395.7	$ 379.1	$ 1,110.6	$ 1,308.2	$ 425.4	$ 1,928.7	$ 124.4	$ 665.9	$ 1,185.5	$ 760.4
1959	8,961.8	429.9	322.8	1,197.8	1,400.9	453.4	2,160.1	124.2	737.2	1,313.8	821.7
1960	9,174.7	441.0	325.5	1,279.8	1,341.5	494.8	2,191.6	120.6	773.9	1,355.7	850.4
1961	9,572.7	489.0	345.1	1,363.0	1,410.2	536.5	2,221.2	120.1	807.6	1,411.1	869.0
1962	10,368.4	546.9	342.5	1,454.6	1,494.4	593.5	2,481.7	119.2	884.8	1,524.4	926.5
1963	11,143.6	627.6	261.8	1,605.0	1,685.4	647.4	2,605.7	130.2	979.5	1,616.9	984.1
1964	12,168.7	688.2	341.5	1,693.6	1,863.7	721.9	2,787.4	145.7	1,082.0	1,795.3	1,049.4
1965	13,088.7	768.3	338.9	1,841.5	1,929.6	804.9	3,007.2	142.7	1,165.0	1,953.5	1,137.2
1966	14,160.0	812.5	293.7	2,001.6	2,197.0	919.3	3,159.9	157.6	1,293.6	2,095.1	1,229.8
1967	15,274.6	817.6	340.3	2,146.3	2,488.5	1,021.4	3,336.9	163.9	1,416.8	2,252.6	1,290.4
1968	16,963.2	898.1	322.2	2,346.9	2,838.1	1,197.3	3,726.3	174.0	1,555.5	2,510.8	1,394.0
1969	19,158.0	996.7	357.6	2,609.2	3,674.2	1,380.4	3,935.4	200.6	1,754.0	2,750.8	1,499.1
1970	20,359.4	1,100.6	372.3	2,812.1	3,745.7	1,556.8	3,943.8	281.1	1,952.4	2,956.8	1,637.9
1971	22,464.0	1,239.7	369.9	3,175.6	4,072.3	1,686.0	4,370.5	265.4	2,161.7	3,296.5	1,826.4
1972	25,805.2	1,600.9	452.4	3,582.2	4,379.3	1,883.1	5,384.6	316.5	2,439.0	3,708.4	2,058.8
1973	28,367.8	1,710.1	601.7	3,652.7	4,499.4	2,203.0	5,959.5	383.4	2,789.8	4,262.9	2,305.3
1974	31,265.2	1,863.6	605.7	4,093.8	4,880.6	2,484.1	6,222.7	773.4	3,144.7	4,667.8	2,528.7
1975	34,157.8	1,869.3	584.8	4,258.6	5,235.2	2,839.8	6,589.0	930.2	3,893.7	5,224.0	2,733.1
1976	38,802.8	2,050.4	584.2	4,723.7	5,682.1	3,141.9	8,120.8	1,047.3	4,524.0	5,788.3	3,140.1
1977	42,578.0	2,308.5	545.6	5,588.4	6,136.6	3,381.2	8,445.1	1,131.8	5,116.2	6,411.3	3,513.3
1978	47,798.0	2,715.8	699.5	6,652.7	6,721.1	3,774.2	9,039.3	1,078.6	5,972.4	7,244.9	3,899.5
1979	52,947.4	3,122.0	659.2	7,486.7	7,262.9	4,166.8	9,914.1	1,184.1	6,846.7	8,098.7	4,206.1
1980	58,837.9	3,174.8	601.6	8,599.4	8,106.4	4,610.9	10,736.1	1,621.3	7,889.9	8,724.0	4,773.6
1981	66,761.1	3,018.6	968.7	10,406.4	9,379.8	5,077.1	11,986.3	1,783.9	8,871.5	9,746.6	5,522.3
1982	72,687.0	3,016.8	849.8	12,086.1	10,504.7	5,490.2	12,537.8	1,655.1	9,912.8	10,454.5	6,179.3
1983	80,236.6	3,483.7	680.7	13,771.8	11,188.5	5,898.6	13,787.1	1,477.1	11,203.3	11,524.5	7,221.3
1984	90,215.8	4,208.8	1,055.6	15,371.4	12,098.8	6,302.4	15,229.5	1,596.1	12,769.6	13,234.3	8,349.3
1985	99,320.4	4,996.2	943.5	17,749.9	12,964.9	6,912.5	16,001.2	1,626.7	14,775.3	14,359.3	8,991.0
1986	109,079.2	5,972.1	996.0	20,455.9	13,245.4	7,661.5	17,333.8	1,069.5	16,639.0	15,959.8	9,746.2
1987	119,549.6	6,806.6	1,026.5	23,142.2	13,651.3	8,422.7	18,628.3	1,190.0	19,185.4	17,174.1	10,322.5

SOURCES: **Earnings:** U.S. Department of Commerce, Bureau of Economic Analysis, *State Personal Income: 1929–82* (Washington, D.C.: GPO, 1984), pp. 32–33, 192–93 (Table *); U.S. Dept. of Commerce, BEA, "Personal Income by Major Source and Earnings by Industry" (computer printout, 1988). **Gross National Product:** U.S. Dept. of Commerce, BEA, unpublished data, August 3, 1988. **Manufacturing Adjustment:** U.S. Dept. of Commerce, Bureau of the Census, *1982 Census of Manufacturers*, Subject Series, General Summary (Washington, D.C.: GPO, 1986), pp. 130–32; U.S. Dept. of Commerce, Bureau of the Census, *Annual Survey of Manufactures* (selected editions). **Real Estate Adjustment:** U.S. Dept. of Commerce, Bureau of the Census, *Statistical Abstract of the United States* (selected editions); U.S. Dept. of Commerce, Bureau of the Census, *Housing Units Authorized by Building Permits and Public Contracts* (selected editions), Table 2, p. 6. **Agriculture:** U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector, State Income, and Balance Sheet Statistics, 1987* (Washington, D.C.: GPO, 1988); unpublished revisions and historical cost figures from the U.S. Dept. of Agriculture, Economic Research Service.

NOTES: Details may not add to totals due to rounding. The category "services" includes agricultural services, forestry and fisheries, and "rest of the world," which includes operations of foreign governments and international organizations in the United States.

TABLE 2.
Virginia Gross State Product in Constant Dollars, 1958–1987 (millions of 1982 dollars)

Year	Total	Construction	Farming	Finance, Insurance and Real Estate	Federal Government	State and Local Government	Manufacturing	Mining	Services	Trade	Transportation and Public Utilities
1958	$28,753.2	$2,673.7	$ 851.8	$ 3,179.6	$ 6,958.3	$1,849.5	$ 4,339.9	$ 554.6	$ 2,686.7	$ 3,542.9	$2,116.2
1959	30,381.8	2,904.5	778.2	3,388.0	7,039.8	1,897.1	4,819.0	583.8	2,860.3	3,838.6	2,272.5
1960	30,497.8	2,959.8	778.5	3,563.2	6,641.1	1,979.2	4,845.6	571.4	2,912.0	3,926.5	2,320.5
1961	31,610.4	3,196.1	825.8	3,745.5	6,946.9	2,063.3	4,960.3	573.8	2,963.6	4,004.5	2,330.5
1962	33,597.8	3,483.4	784.7	3,952.4	7,184.4	2,174.1	5,500.4	593.8	3,158.1	4,312.3	2,454.1
1963	35,674.3	3,850.3	600.2	4,298.1	7,557.7	2,287.6	5,842.6	640.7	3,434.8	4,535.5	2,626.7
1964	37,957.8	4,048.5	821.6	4,456.9	7,863.7	2,480.7	6,267.0	667.4	3,698.5	4,900.3	2,753.1
1965	39,815.9	4,292.1	790.1	4,780.7	7,780.6	2,691.9	6,685.6	682.3	3,840.8	5,286.9	2,985.0
1966	41,671.2	4,166.6	588.6	5,050.1	8,450.1	2,918.5	6,893.9	748.4	4,065.2	5,547.0	3,242.8
1967	43,279.0	3,930.7	766.3	5,234.3	9,182.6	3,013.1	7,118.7	791.2	4,224.1	5,702.9	3,315.1
1968	45,401.6	3,921.7	670.0	5,560.5	9,460.3	3,307.4	7,674.4	847.7	4,381.3	6,079.3	3,499.0
1969	48,995.5	3,761.1	693.6	5,967.9	11,517.8	3,557.7	7,886.1	1,038.5	4,658.7	6,238.5	3,675.8
1970	48,392.5	3,596.7	712.0	6,139.2	10,375.9	3,689.2	7,649.6	1,109.4	4,893.4	6,425.4	3,801.7
1971	49,995.0	3,572.6	701.0	6,634.8	10,155.3	3,746.7	8,342.6	899.8	5,117.1	6,892.4	3,932.5
1972	54,491.3	4,235.2	743.7	7,222.5	9,582.7	3,931.4	10,302.8	1,142.1	5,500.1	7,571.9	4,258.9
1973	56,638.2	4,140.7	584.7	7,028.7	9,258.0	4,277.7	11,274.7	1,199.7	5,934.4	8,261.4	4,678.2
1974	57,656.9	4,060.2	798.5	7,588.5	9,243.5	4,549.7	10,844.4	1,426.6	6,211.8	8,113.0	4,820.5
1975	57,452.3	3,651.0	698.1	7,529.9	9,010.8	4,748.9	10,358.6	1,536.3	6,928.5	8,269.0	4,721.3
1976	61,343.9	3,762.2	665.0	7,880.8	8,948.2	4,863.7	12,183.6	1,810.5	7,443.4	8,769.4	5,017.3
1977	63,123.3	3,892.9	650.5	8,539.2	9,172.8	4,907.4	11,736.3	1,854.8	7,872.6	9,224.8	5,272.1
1978	65,732.8	4,152.6	636.2	9,267.1	9,413.3	5,128.0	11,787.1	1,527.3	8,542.2	9,739.4	5,539.6
1979	67,597.0	4,124.2	472.5	9,675.7	9,444.6	5,328.4	12,242.6	1,610.6	8,975.3	9,978.8	5,744.2
1980	69,053.3	3,726.3	523.8	10,089.0	9,778.5	5,431.0	12,396.5	1,934.1	9,360.9	9,974.2	5,839.1
1981	71,589.7	3,214.7	893.2	11,064.5	10,118.5	5,536.7	12,862.6	1,849.7	9,708.2	10,259.0	6,082.6
1982	72,687.0	3,016.8	849.8	12,086.1	10,504.7	5,490.2	12,537.8	1,655.1	9,912.8	10,454.5	6,179.3
1983	76,174.9	3,432.2	674.1	12,786.0	10,706.7	5,523.1	12,971.9	1,499.5	10,592.7	11,224.5	6,764.4
1984	82,019.6	3,907.9	951.9	13,685.3	10,890.0	5,533.3	14,001.7	1,746.4	11,330.5	12,468.5	7,504.0
1985	86,899.3	4,429.2	996.8	14,774.3	11,109.6	5,750.8	14,434.7	1,844.3	12,449.0	13,281.4	7,829.2
1986	91,904.3	5,065.4	922.7	15,972.7	11,215.4	6,061.3	15,052.5	1,239.6	13,467.4	14,652.4	8,255.0
1987	97,703.1	5,476.0	1,017.2	17,244.6	11,208.0	6,347.2	15,944.3	1,530.8	14,841.4	15,256.3	8,837.3

SOURCES: The sources cited in Table 1; U.S. Department of Agriculture, Statistical Reporting Service, Crop Reporting Board, *Agricultural Prices, 1987 Summary* (Washington, D.C.: GPO, 1988); and selected earlier editions.

NOTE: Details may not add to totals due to rounding. The category "services" includes agricultural services, forestry and fisheries, and "rest of the world," which includes operations of foreign governments and international organizations in the United States.

TABLE 3.
Industrial Shares of Virginia Gross State Product in Constant Dollars, 1958–1987 (millions of 1982 dollars)

Year	Total	Construction	Farming	Finance, Insurance and Real Estate	Federal Government	State and Local Government	Manufacturing	Mining	Services	Trade	Transportation and Public Utilities
1958	100.00%	9.30%	2.96%	11.06%	24.20%	6.43%	15.09%	1.93%	9.34%	12.32%	7.36%
1959	100.00	9.56	2.56	11.15	23.17	6.24	15.86	1.92	9.41	12.63	7.48
1960	100.00	9.70	2.55	11.68	21.78	6.49	15.89	1.87	9.55	12.87	7.61
1961	100.00	10.11	2.61	11.85	21.98	6.53	15.69	1.82	9.38	12.67	7.37
1962	100.00	10.37	2.34	11.76	21.38	6.47	16.37	1.77	9.40	12.83	7.30
1963	100.00	10.79	1.68	12.05	21.19	6.41	16.38	1.80	9.63	12.71	7.36
1964	100.00	10.67	2.16	11.74	20.72	6.54	16.51	1.76	9.74	12.91	7.25
1965	100.00	10.78	1.98	12.01	19.54	6.76	16.79	1.71	9.65	13.28	7.50
1966	100.00	10.00	1.41	12.12	20.28	7.00	16.54	1.80	9.76	13.31	7.78
1967	100.00	9.08	1.77	12.09	21.22	6.96	16.45	1.83	9.76	13.18	7.66
1968	100.00	8.64	1.48	12.25	20.84	7.28	16.90	1.87	9.65	13.39	7.71
1969	100.00	7.68	1.42	12.18	23.51	7.26	16.10	2.12	9.51	12.73	7.50
1970	100.00	7.43	1.47	12.69	21.44	7.62	15.81	2.29	10.11	13.28	7.86
1971	100.00	7.15	1.40	13.27	20.31	7.49	16.69	1.80	10.24	13.79	7.87
1972	100.00	7.77	1.36	13.25	17.59	7.21	18.91	2.10	10.09	13.90	7.82
1973	100.00	7.31	1.03	12.41	16.35	7.55	19.91	2.12	10.48	14.59	8.26
1974	100.00	7.04	1.38	13.16	16.03	7.89	18.81	2.47	10.77	14.07	8.36
1975	100.00	6.35	1.22	13.11	15.68	8.27	18.03	2.67	12.06	14.39	8.22
1976	100.00	6.13	1.08	12.85	14.59	7.93	19.86	2.95	12.13	14.30	8.18
1977	100.00	6.17	1.03	13.53	14.53	7.77	18.59	2.94	12.47	14.61	8.35
1978	100.00	6.32	0.97	14.10	14.32	7.80	17.93	2.32	13.00	14.82	8.43
1979	100.00	6.10	0.70	14.31	13.97	7.88	18.11	2.38	13.28	14.76	8.50
1980	100.00	5.40	0.76	14.61	14.16	7.86	17.95	2.80	13.56	14.44	8.46
1981	100.00	4.49	1.25	15.46	14.13	7.73	17.97	2.58	13.56	14.33	8.50
1982	100.00	4.15	1.17	16.63	14.45	7.55	17.25	2.28	13.64	14.38	8.50
1983	100.00	4.51	0.88	16.79	14.06	7.25	17.03	1.97	13.91	14.74	8.88
1984	100.00	4.76	1.16	16.69	13.28	6.75	17.07	2.13	13.81	15.20	9.15
1985	100.00	5.10	1.15	17.00	12.78	6.62	16.61	2.12	14.33	15.28	9.01
1986	100.00	5.51	1.00	17.38	12.20	6.60	16.38	1.35	14.65	15.94	8.98
1987	100.00	5.60	1.04	17.65	11.47	6.50	16.32	1.57	15.19	15.61	9.05

SOURCES: The sources cited in Table 2.

NOTE: Details may not add to totals due to rounding.

TABLE 4.
Virginia Gross State Product Per Capita and Gross National Product Per Capita, 1958–1987
(current and 1982 constant dollars)

	Current Dollars			1982 Constant Dollars		
Year	Virginia Per Capita	U.S. Per Capita	Virginia as a % of U.S.	Virginia Per Capita	U.S Per Capita	Virginia as a % of U.S.
1958	$2,116	$2,623	80.7%	$7,345	$8,839	83.1%
1959	2,268	2,799	81.0	7,690	9,198	83.6
1960	2,302	2,815	81.8	7,651	9,254	82.7
1961	2,338	2,867	81.5	7,719	9,339	82.7
1962	2,480	3,094	80.2	8,038	9,690	83.0
1963	2,606	3,167	82.3	8,343	9,942	83.9
1964	2,793	3,338	83.7	8,711	10,328	84.3
1965	2,967	3,645	81.4	9,027	10,791	83.6
1966	3,178	3,949	80.5	9,352	11,297	82.8
1967	3,388	4,137	81.9	9,600	11,509	83.4
1968	3,722	4,479	83.1	9,961	11,870	83.9
1969	4,152	4,789	86.7	10,619	12,038	88.2
1970	4,369	4,983	87.7	10,385	11,856	87.6
1971	4,726	5,332	88.6	10,519	12,014	87.6
1972	5,345	5,795	92.2	11,286	12,465	90.5
1973	5,782	6,432	89.9	11,543	12,983	88.9
1974	6,280	6,904	91.0	11,582	12,794	90.5
1975	6,755	7,419	91.1	11,362	12,508	90.8
1976	7,560	8,195	92.3	11,952	12,993	92.0
1977	8,179	9,058	90.3	12,126	13,463	90.1
1978	9,046	10,129	89.3	12,440	14,026	88.7
1979	9,944	11,169	89.0	12,695	14,215	89.3
1980	10,961	12,022	91.2	12,864	14,025	91.7
1981	12,266	13,293	92.3	13,153	14,147	93.0
1982	13,245	13,647	97.1	13,245	13,647	97.1
1983	14,434	14,537	99.3	13,703	13,996	97.9
1984	16,007	15,952	100.3	14,553	14,807	98.3
1985	17,422	16,817	103.6	15,243	15,111	100.9
1986	18,823	17,587	107.0	15,859	15,402	103.0
1987	20,249	18,598	108.9	16,549	15,801	104.7

SOURCES: Tables 1 and 2 and unpublished population estimates from the U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Measurement Division.

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